

Serial No. 10/685,808

Docket No. HI-0181

Amdt. dated May 4, 2009

Reply to Office Action of February 4, 2009

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) In a description of multimedia contents based on a usage environment descriptor and a user preference descriptor of the multimedia contents, a method of generating a digital item declaration document configured to be implemented in an electronic device, the method comprising:

applying a "ChoicePrecedence" to an input DID instance document;

modifying a corresponding "ChoicePrecedence" of the input DID instance document in an order designated in the "ChoicePrecedence"; and

generating a rearranged DID instance document, wherein the "ChoicePrecedence" is an absolute precedence, wherein the "ChoicePrecedence" applies a "BaseChoice".

2. (Previously Presented) The method of claim 1, wherein a process of inserting a DIAinDID descriptor into the DID instance document is preceded so as to make it possible to modify the input DID instance document adaptably, wherein the DIAinDID represents a corresponding choice.

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3. (Previously Presented) The method of claim 2, wherein the DIAinDID descriptor includes a "TargetChoice" and a target choice condition.

4. (Previously Presented) The method of claim 1, wherein the input DID instance document is an original DID instance document.

5. (Previously Presented) The method of claim 1, wherein the input DID instance document is a recently adapted DID instance document obtained by modification just before adaptation.

6. (Previously Presented) The method of claim 1, wherein the input DID instance document is a newly adapted DID instance document generated by a current adaptive modification.

7. (Previously Presented) The method of claim 1, wherein the "ChoicePrecedence" applies a "SpecifiedPrecedence".

8.-9. (Canceled)

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10. (Previously Presented) The method of claim 1, wherein the "ChoicePrecedence" is designated as one of a "First" precedence, a "Second" precedence, a "Third" precedence and a "Last" precedence.

11. (Previously Presented) The method of claim 1, wherein the "ChoicePrecedence" includes a "Preemptive" excluding previously considered choices from consideration and performing a configuration process while considering only a designated choice.

12. (Previously Presented) The method of claim 1, wherein the "ChoicePrecedence" includes a "Delete" precedence deleting a designated choice and performing a configuration process.

13. (Canceled)

14. (Previously Presented) The method of claim 1, wherein the rearranged DID instance document is generated by using an attribute of "reset" for using an original DID instance document as an adapted DID instance document just before in case the "ChoicePrecedence" is applied to generate the DID instance document.

15. (Previously Presented) The method of claim 1, wherein the rearranged DID instance document is generated by using an attribute of "reorder" for referring to choice, which does not exist in an adapted DID instance document just before, in an original DID instance document in case the "ChoicePrecedence" is applied to generate the DID instance document.

16. (Previously Presented) The method of claim 1, wherein the rearranged DID instance document is generated by using an attribute of "before" to represent whether to designate higher or lower precedence than a "BaseChoice" in case the "ChoicePrecedence" is applied to generate the DID instance document.

17. (Currently Amended) In a description of multimedia contents based on a usage environment descriptor and a user preference descriptor of the multimedia contents, a method of generating a "ChoicePrecedence" descriptor of a digital item configured to be implemented in an electronic device, the method comprising:

describing a "TargetChoice" of the digital item, a condition if necessary, and a "ChoicePrecedenceClass"; and

describing a "SpecifiedPrecedence" or a "BaseChoice" to the "ChoicePrecedenceClass", wherein the "ChoicePrecedence" is an absolute precedence, wherein the "ChoicePrecedenceClass" includes a "First" precedence meaning an absolute precedence of a

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corresponding choice, a "Second" precedence, a "Third" precedence, a "Last" precedence, a "Preemptive" precedence, and a "Delete" precedence.

18. (Canceled)

19. (Original) The method of claim 17, wherein the "ChoicePrecedence" descriptor includes an attribute of "reset" for using an original DID instance document as a recently adapted DID instance document, an attribute of "reorder" for referring to choice, which does not exist in an adapted DID instance document just before, in an original DID instance document, and an attribute of "before" for representing whether to designate higher or lower precedence than a "BaseChoice".

20. (New) A method for searching digital contents, the digital contents being described using descriptors, the descriptors being arranged based on preference information, the method comprising:

modifying the preference information, the preference information being associated with the descriptors and indicating a relative priority of a descriptor with respect to other descriptors;

rearranging the descriptors based on the modified preference information; and

searching digital contents based on the rearranged descriptors.

21. (New) The method according to claim 20, wherein the preference information is defined for each descriptor.

22. (New) The method according to claim 20, wherein the preference information indicates a higher or lower preference among the descriptors.

23. (New) A method for rearranging descriptors, the descriptors describing characteristics associated with digital contents and being arranged based on preference information, the method comprising:

modifying the preference information, the preference information being associated with the descriptors and indicating a relative priority of a descriptor with respect to other descriptors; and

rearranging the descriptors based on the modified preference information.